INTERNATIONAL SEARCH REPORT

International application No. PCT/KR2004/001080

A. CLASSIFICATION OF SUBJECT MATTER

IPC7 B41J 2/235

According to International Patent Classification (IPC) or to both national classification and IPC

FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols) IPC7 B41J 2/235

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Korean Patents and applications for inventions since 1975

Electronic data base consulted during the intertnational search (name of data base and, where practicable, search terms used) eKIPASS "piezoelectric", "ink jet", "electrode" "head"

DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 6099111 A (Seiko Epson Corporation) 8 AUG 2000 See the Fig.3 and Description of the preferred embodiments	1,2,4-6
Y	US 6089701 A (Seiko Epson Corporation) 18 JUL 2000 See the Fig.2(A)	1,2,4-6
A	US 6217161 B1 (Brother Kogyo Kabushiki Kaisha) 17 APR 2001 See the Fig.3	2
A	US 6341850 B1 (Seiko Epson Corporation) 29 JAN 2002 See the entire document	1-7

Further doc	uments are listed	in the cont	inuation of	Box C
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See patent family annex.

- Special categories of cited documents:
- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier application or patent but published on or after the international filing date
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- document published prior to the international filing date but later than the priority date claimed
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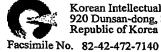
Date of the actual completion of the international search

07 AUGUST 2004 (07.08.2004)

Date of mailing of the international search report

09 AUGUST 2004 (09.08,2004)

Name and mailing address of the ISA/KR



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INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No. PCT/KR2004/001080

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 6099111 A	2000-08-08	DE 69810357D D1 DE 69810357T T2 EP 0855274 A2 EP 0855274 B1 EP 1225049 A2 EP 1225049 A3 JP 3386108B2 B2 JP 11192699 A	2003-02-06 2003-10-30 1998-07-29 2003-01-02 2002-07-24 2002-08-07 2003-03-17 1999-07-21
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US 6341850 B1	2002-01-29	DE 69705031D D1 DE 69705031T T2 EP 0884184 A1 EP 0884184 B1 JP 3451623B2 B2	2001-07-05 2001-09-13 1998-12-16 1998-12-30 2001-05-30 2003-09-29